

North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

**NC-TOPPS**

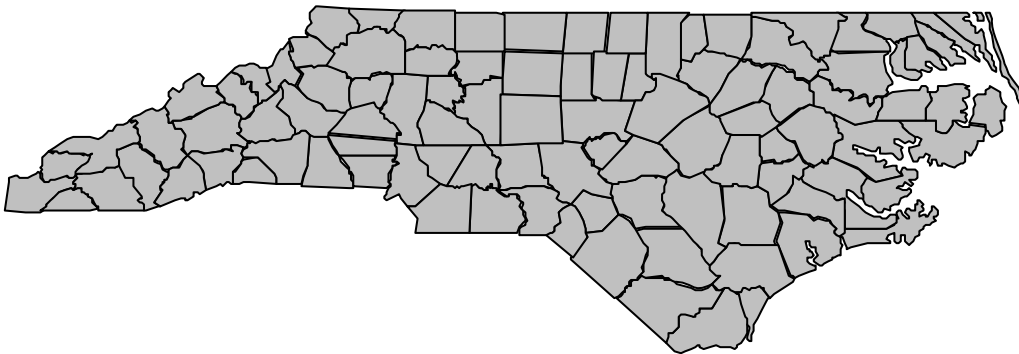
North Carolina Treatment Outcomes and Program Performance System

**Adolescent Mental Health Consumers (Ages 12-17)  
Western Highlands LME**

**Initial Interviews**

**July 1, 2007 through June 30, 2008**

This report includes consumers receiving only mental health services, and those receiving both mental health and substance abuse services.



Data Collected By:

Center for Urban Affairs and Community Services (CUACS)  
NC State University

Report Produced By:

Institute for Community-Based Research  
National Development & Research Institutes, Inc. (NDRI)

Prepared For:

Quality Management Team  
Community Policy Management Section  
DMH/DD/SAS  
NC DHHS

July 2008



## Introduction

This feedback report provides Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services data gathered for adolescent mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). It provides information gathered through the online NC-TOPPS Initial Interview. Seven pages of charts, tables and text information are presented on mental health consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Interview is displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and printable version of the interviews are available at <http://nctopps.ncdmh.net>

## General Information on Interpreting Tables

<b>Types of Statistics</b>	<ul style="list-style-type: none"> <li>▶ A <u>count</u> shows the actual number (often designated by the letter "n") of clients.</li> <li>▶ A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.</li> <li>▶ An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.</li> <li>▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, <b>22</b>, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.</li> </ul>
<b>Missing Data</b>	For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48*100).
<b>Denominators</b>	The denominator for nearly all percentages is the number of cases shown at the bottom on the page minus item missing data. All exceptions to this general rule are noted with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those enrolled in K-12." In sections with "by groups" such as by age, the denominator is the age group noted.
<b>Multiple Response</b>	"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.
<b>Definition of terms</b>	The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
<b>Special notes:</b>	



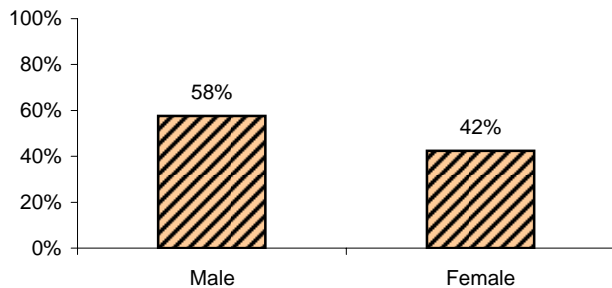
**Initial Assessments Received July 1, 2007 through June 30, 2008**  
**Adolescent (12-17) Mental Health Consumers**  
**Western Highlands**

This table shows the number of consumers in this report by provider.

<b>Provider</b>	<b>City</b>	<b>ProviderID</b>	<b>Number</b>
ARP/Phoenix Youth Substance Abuse Services	Asheville	1665	3
Access Family Services, Inc.	Asheville	1584	23
Advantage Care Services	Hendersonville	2057	2
Advantage Home and Community Care	Forest City	1805	3
Alpha Omega Health, Inc.	Burnsville	1911	9
Alpha Omega Health, Inc.	Marshall	1769	34
Alpha Omega Health, Inc.	Spruce Pine	1958	9
Appalachian Counseling	Brevard	641	10
Appalachian Counseling	Brevard	2534	2
Appalachian Counseling	Hendersonville	134	12
Bridgebuilders Family and Youth Services, Inc.	Asheville	2095	4
CARING for Children, Inc.	Asheville	920	11
CNC/Access	Asheville	1260	8
Eliada Homes, Inc.	Asheville	717	2
Families First of North Carolina	Hendersonville	346	9
Families Together, Inc.	Asheville	706	106
Families Together, Inc.	Hendersonville	1725	12
Family Preservation Services, Inc.	Asheville	1993	103
Family Preservation Services, Inc.	Hendersonville	392	50
Family Preservation Services, Inc.	Tryon	1994	9
Family Preservation Services, Inc. (New Vistas Behavioral Health Services)	Spindale	144	2
Footprints Carolina, Inc.	Spruce Pine	2046	7
HomeCare Management Corporation	Forest City	1024	22
Leaps and Bounds Therapeutic Solution	Forest City	1116	12
Leaps and Bounds Therapeutic Solution	Hendersonville	2162	8
Mountain Area Community Services, Inc.	Asheville	970	4
Mountain Area Community Services, Inc.	Marion	2778	1
NC Mentor Network	Asheville	827	19
NC Mentor Network	Hendersonville	1567	3
PDFNC/Swain Recovery Center	Black Mountain	140	5
Quality Mental Health, Inc.	Asheville	1361	6
Quality Mental Health, Inc.	Lenoir	2673	1
Quality Mental Health, Inc.	Lenoir	2856	1

RHA Health Services	Asheville	1496	15
RHA Health Services	Shelby	1177	5
Support, Inc.	Gastonia	2791	2
Tanyi's Respite and Habilitation Services	Shelby	1322	3
Turning Point Services, Inc.	Hendersonville	1955	1
Universal MH/DD/SAS	Asheville	1247	49
Universal MH/DD/SAS	Burnsville	607	1
Universal MH/DD/SAS	Forest City	606	19
Universal MH/DD/SAS	Lenoir	1266	1
Total			608

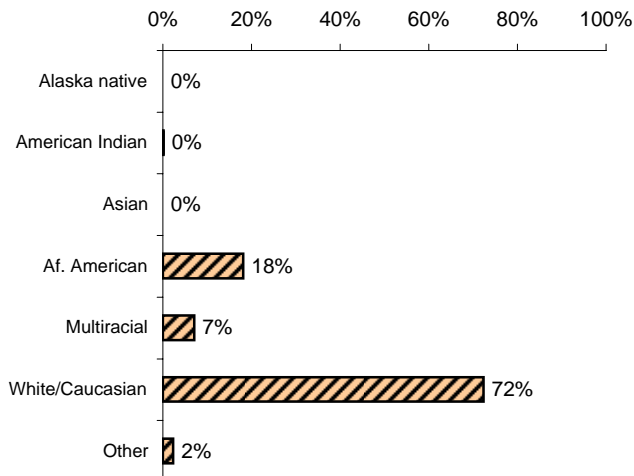
## 1-1: Gender



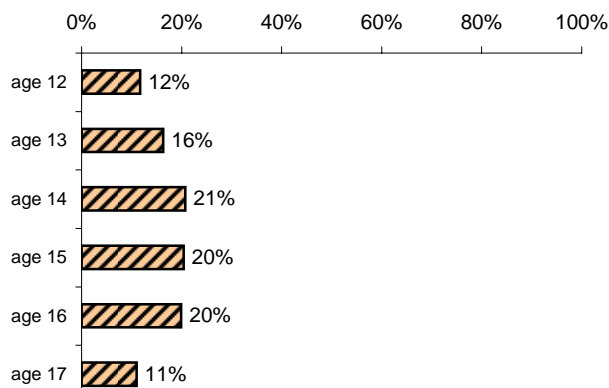
## 1-2: Hispanic Origin

Of the Western Highlands consumers, 4% indicate that they are of Hispanic, Latino, or Spanish origin.

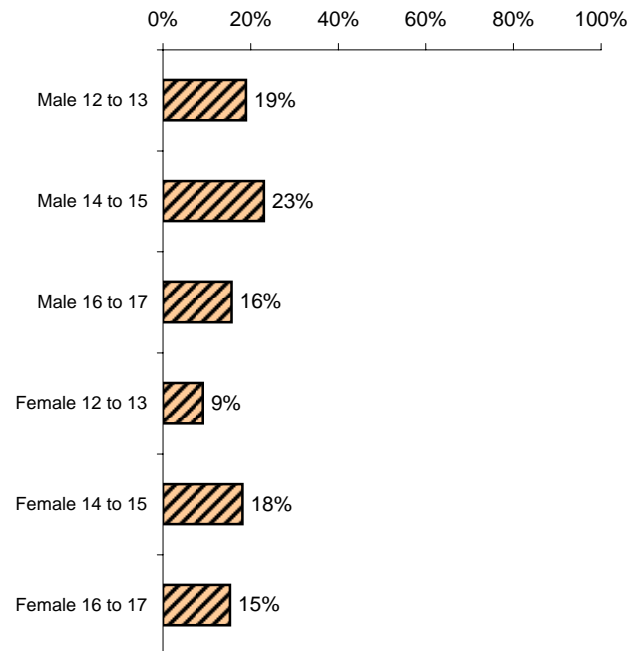
## 1-3: Race/Ethnicity



## 1-5: Age



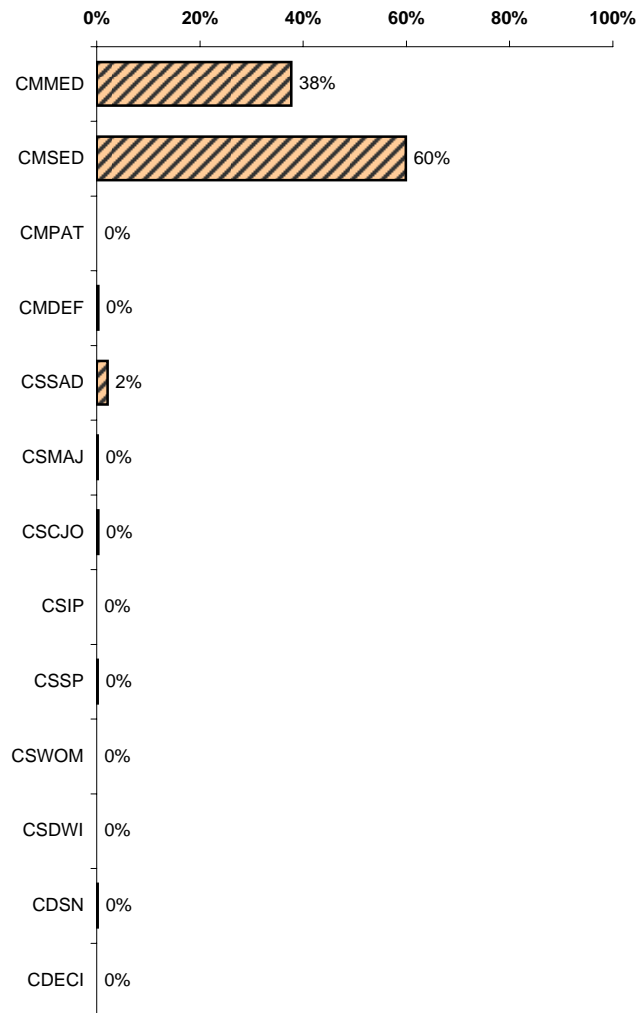
## 1-6: Gender and Age



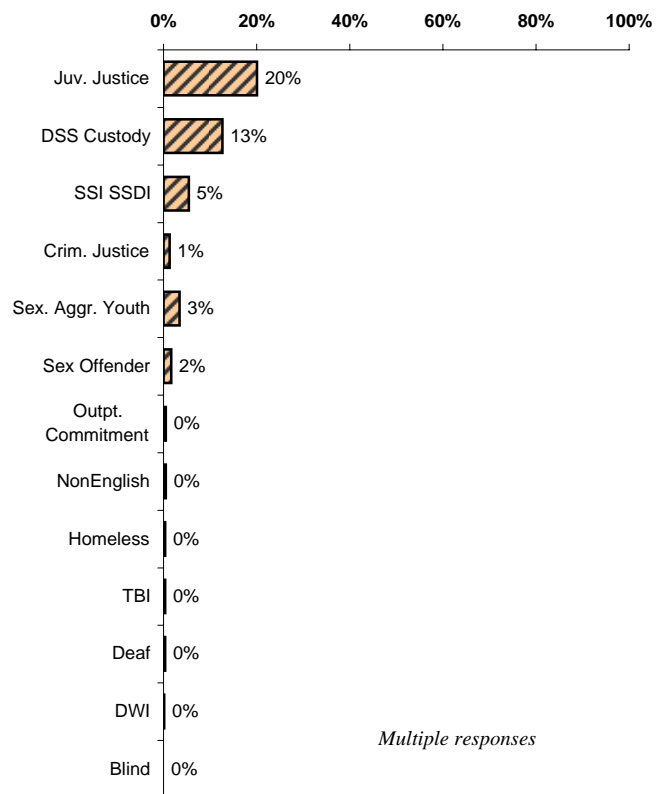
## 1-7: Gender and Race/Ethnicity



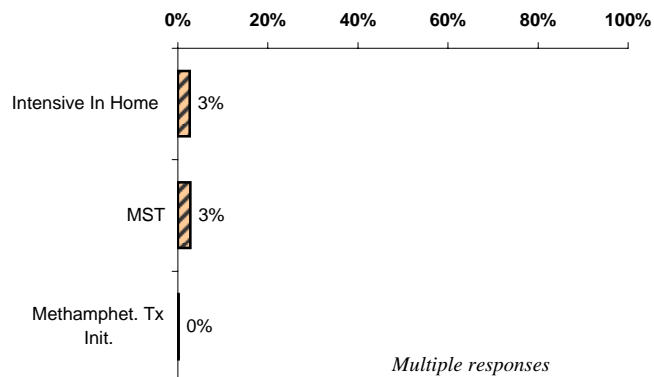
## 2-1: IPRS Target Populations



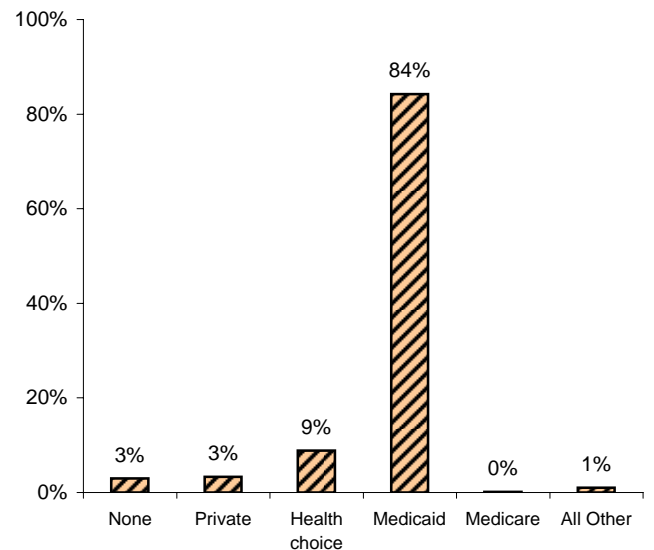
## 2-2: Special Populations



## 2-3: Special Programs



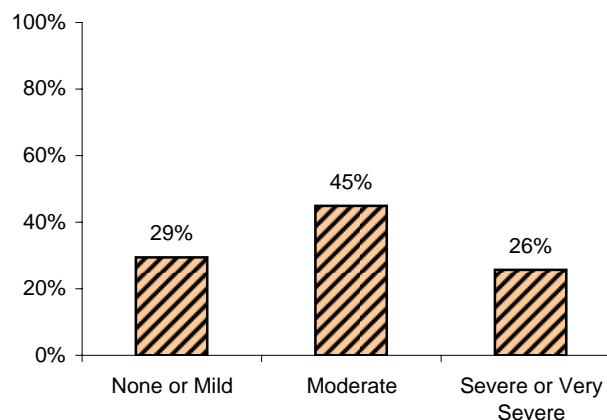
## 2-4: Health Insurance



**Note :** Refer to appendix for acronym definitions for all charts on this page.

Number of Initial Interviews: Western Highlands = 608

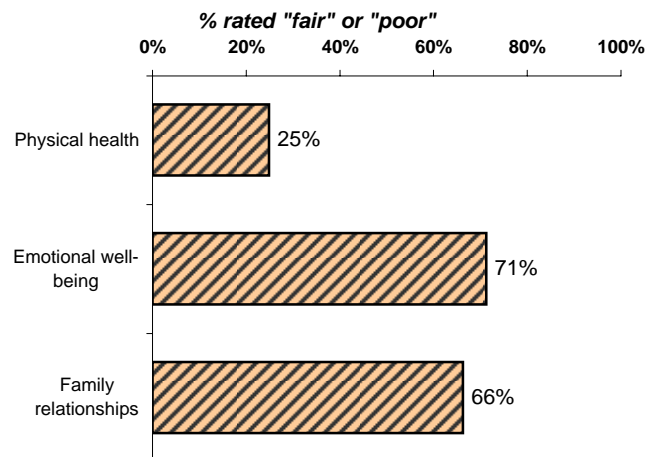
### 3-1: Severity of Mental Health Symptoms, Past Month



### 3-2: General Assessment of Functioning (GAF)

GAF scores were reported for 100% of Western Highlands consumers. The average score was 46.3 and the median score was 45.

### 3-3: Consumer Ratings on Quality of Life



### 3-4: History of Abuse

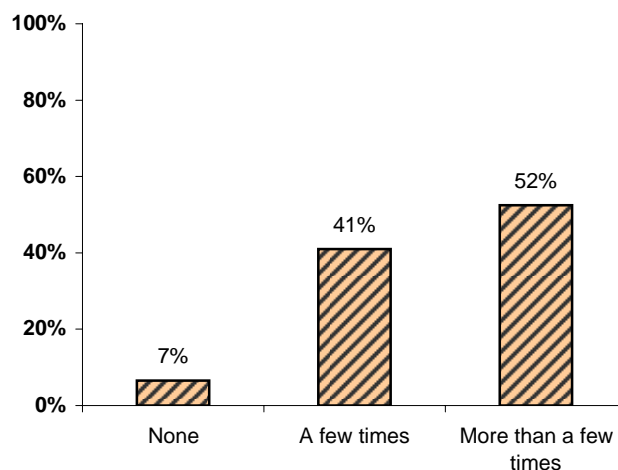
Physically Abused, past 3 months	22%
Sexually Abused, ever	16%
Sexually Abused, past 3 months	0%

### 3-5: DSM-IV Diagnoses

Diagnostic Category	%
Attention deficit disorder	41%
Oppositional defiant disorder	34%
Major Depression	21%
Conduct disorder	7%
Disruptive behavior	8%
Bipolar disorder	14%
PTSD	15%
Anxiety disorder	11%
Drug Abuse	5%

\* Only most commonly diagnosed conditions shown.

### 3-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



### 3-7: Lifetime Suicide Attempts

16% of Western Highlands consumers have attempted suicide at least once during their lifetime.

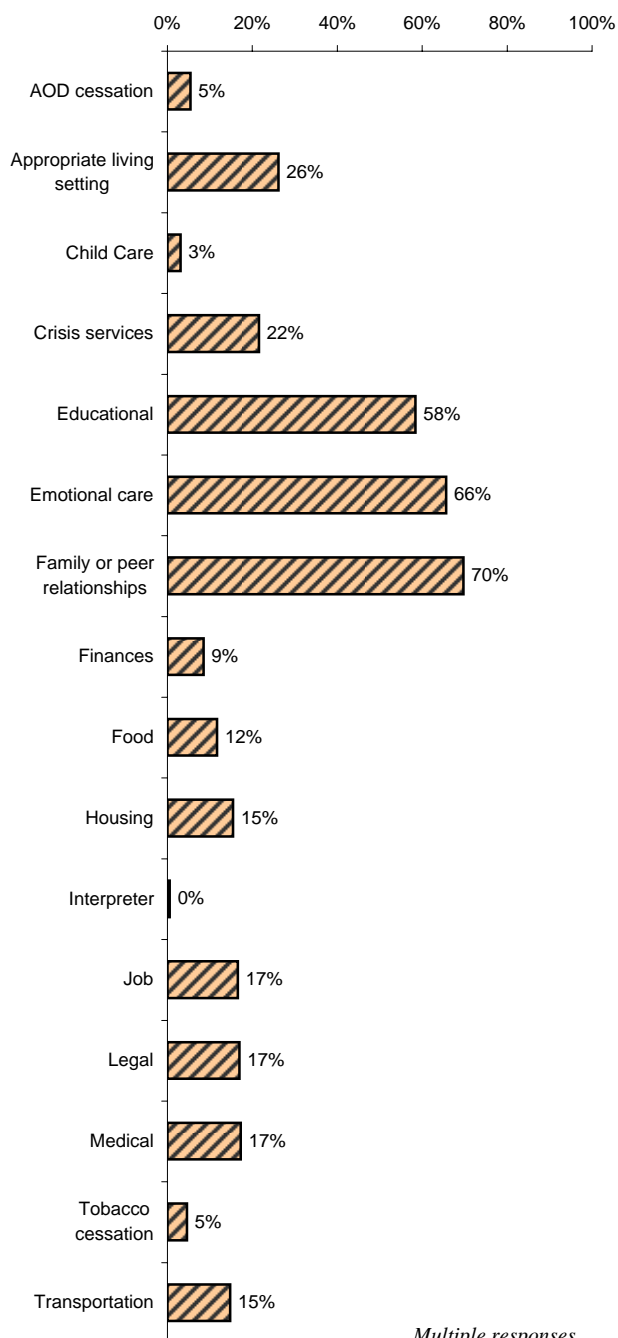
### 3-8: Behavior Problems and Symptoms Expressed, Past 3 Months

	%
Suicidal thoughts	29%
Tried to hurt or cause self pain	19%
Risky sexual activity	4%
Hit/physically hurt another person	40%
Carried handgun or weapon	13%

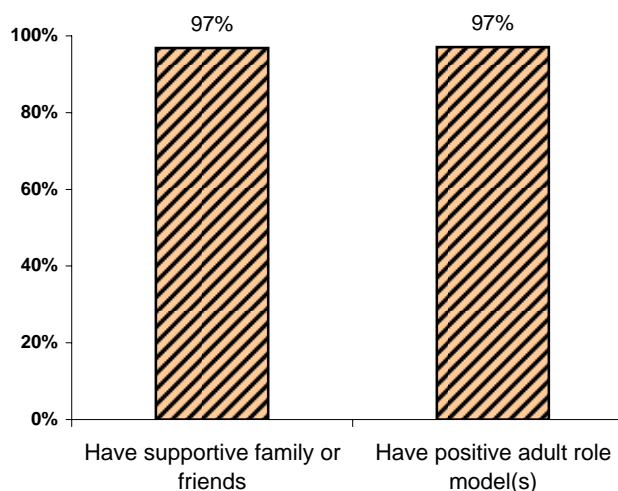
## 4-1: Public or Private Health Care Provider

Among Western Highlands consumers, 89% report that they have a health care provider and 83% have seen their provider within the past year.

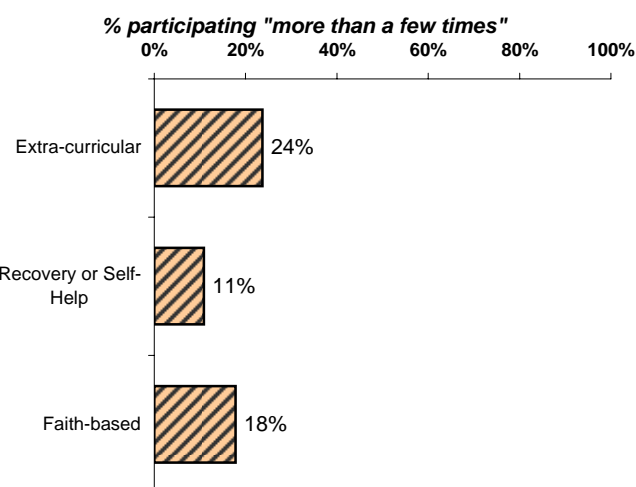
## 4-2: Service Needs Rated "Very Important"



## 4-3: Support for Recovery



## 4-4: Consumer Participation in Positive Activities, Past 3 Months



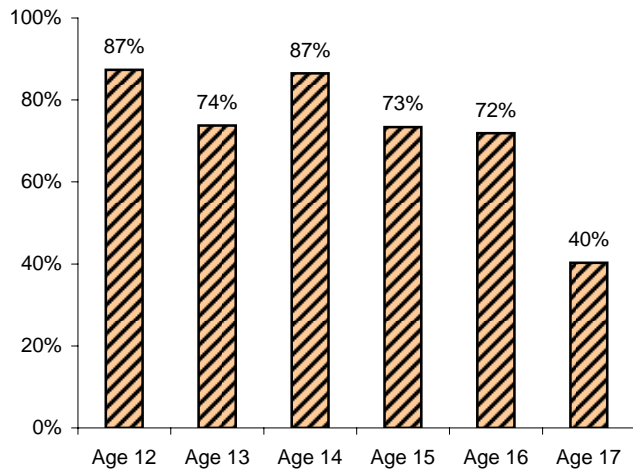


## 5-1: Enrollment in Academic Programs

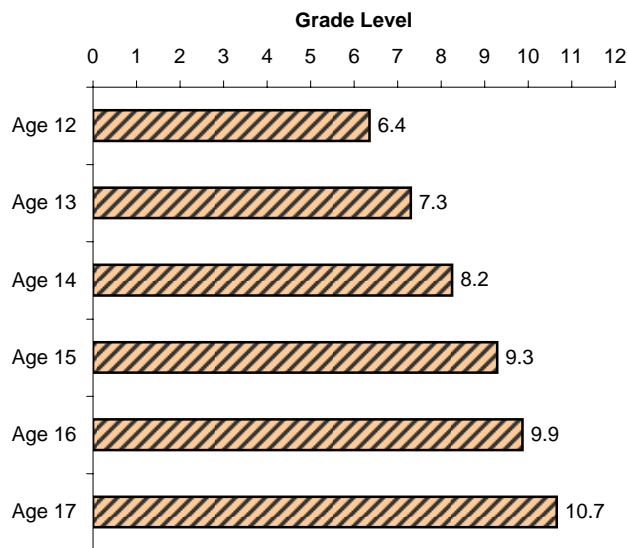
Enrolled in...	
Any Academic program	89%
Academic Schools (K-12)	74%
Alternative Learning Program (ALP)	13%
Technical or Vocational School	0%
GED or Adult Literacy	2%

Note: Multiple response.

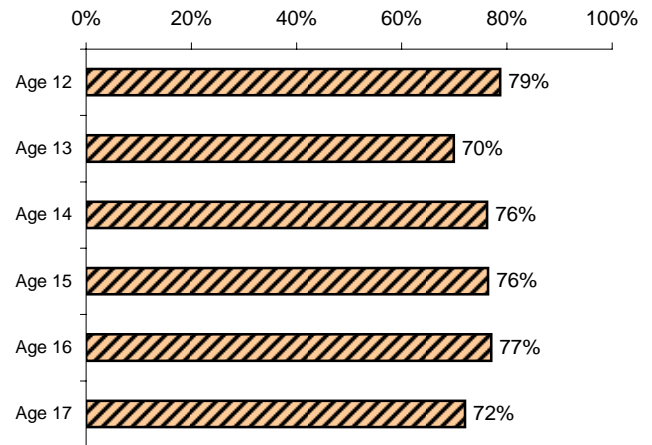
## 5-2: K-12 School Attendance, by Age



## 5-3: Average Grade Level of Students in K-12, by Age



## 5-4: Students in K-12 who Received Mostly A's, B's or C's at Most Recent Grading Period, by Age

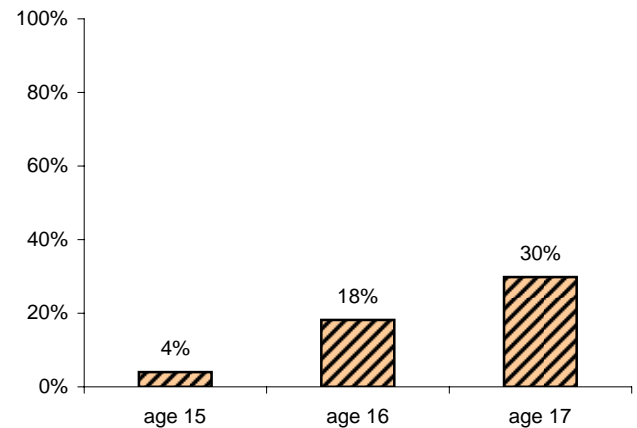


## 5-5: School Suspension, Expulsion, and Truancy, Past 3 Months

Of those enrolled in K-12, percent who missed school due to	
Expulsion	3%
Out-of-school suspension	24%
Truancy	12%

## 5-6: Employment, Past 3 Months, by Age

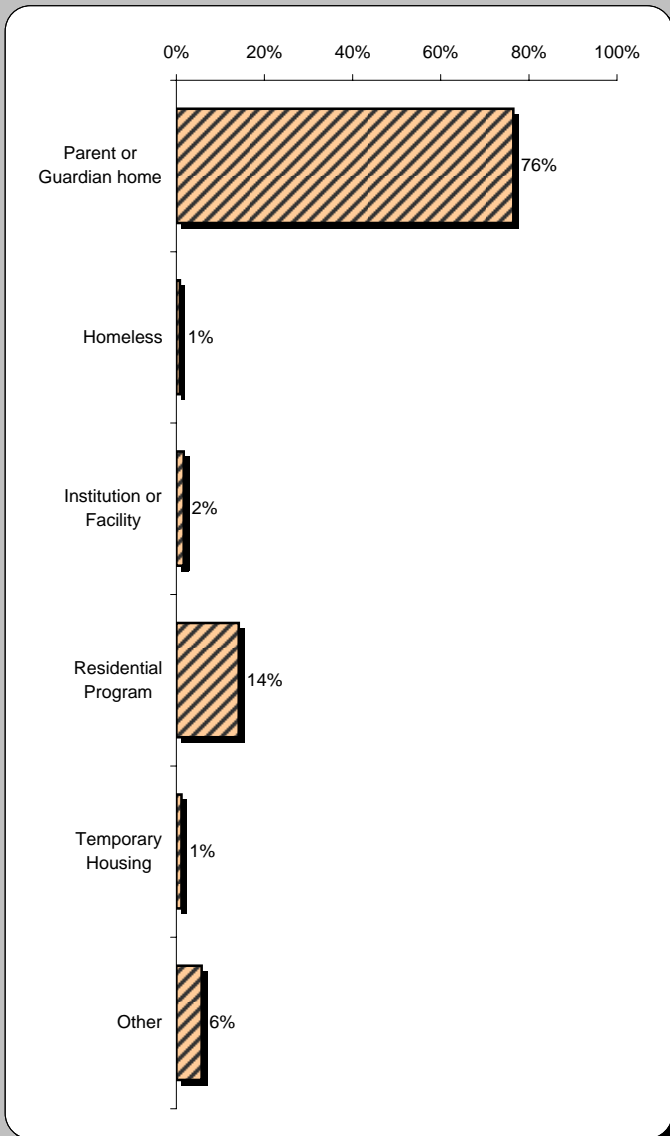
The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



## 6-2: Primary Caregiver

Parent(s)	65%
Grandparent(s)	10%
Sibling(s)	1%
Foster parent(s)	9%
Spouse/partner	0%
Other relative	3%
Other	13%

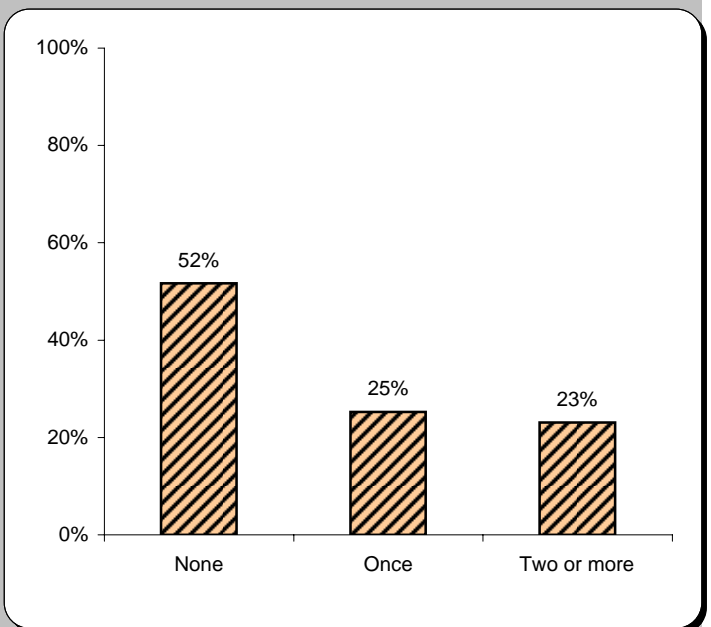
## 6-3: Where Lived



## 6-4: Numbers living in special circumstances

Homeless sheltered	3
Homeless unsheltered	2
Foster home	8
Therapeutic foster home	22
Level III Group Home	41
Level IV Group Home	8
State residential treatment facility	5
SA residential treatment facility	0
Halfway house	0

## 6-5: Times Moved Residences in the Past Year



## 6-6: Have children

Of the Western Highlands consumers 2% have children of their own.

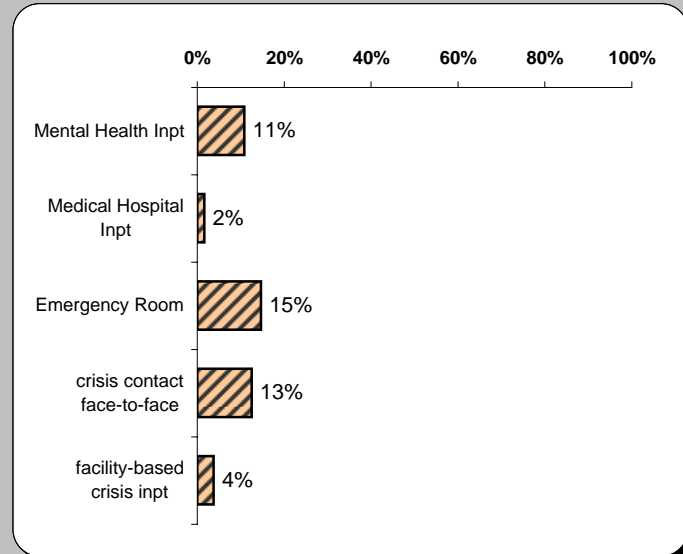
## 6-7: Pregnancy and Prenatal Care

	Number
Currently pregnant	7
Referred to prenatal care*	7
Receiving prenatal care*	7

\* of those who are pregnant.

**7-1: Lifetime Admission for Inpatient Mental Health**  
29% of Western Highlands consumers have had inpatient mental health admissions.

**7-2: Health Care: Types of Service Utilized in Past 3 Months**



**7-3 Arrest History**

Any Arrests	
Ever	50%
Past Month	6%
Misdemeanor Arrests	
Ever	40%
Past Month	3%
Felony Arrests	
Ever	16%
Past Month	1%

Note: A person may have arrests for both misdemeanors and felonies.

**7-4: Trouble with the law in the Past Month**

13% of Western Highlands consumers reported that they had been in trouble with the law in the past month.

**7-5: Justice System Involvement**

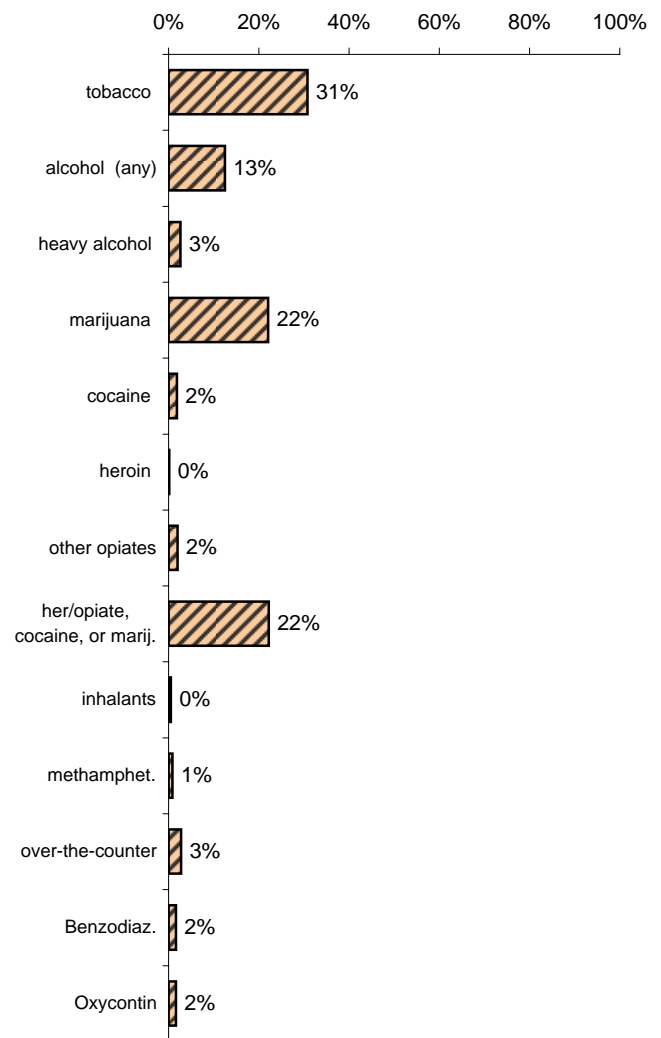
Justice System Involvement	
Adult correctional supervision	1%
Juvenile correctional supervision	22%
Admission required by JJ/CJ/court	18%

**7-6: Lifetime Use of Substances**

Lifetime Use of Substances	
Ever used tobacco or alcohol	36%
Ever used other illicit drugs	24%

**7-7: Self-Report Substance Use, Past 12 Months**

Bars show % with any use



**7-8: Cigarette Smoking**

Overall, 19% of Western Highlands consumers report that they smoked cigarettes in the past month and 2% smoked a pack a day or more.



## Appendix

### Adolescent (Age 12-17) Mental Health

### Acronyms and Abbreviations

Acronym or Term	Definition
ACT	Assertive Community Treatment
Af American	African American
AOD	Alcohol or other drugs
CDECI	Target population: Early childhood intervention
CDSN	Target population: Child with Developmental Disability
CMDEF	Target population: Child MH consumer who is deaf or hard of hearing
CSDWI	Target population: Child SA consumer who is receiving DWI Offender Treatment
CMMED	Target population: Child who is Seriously Emotionally Disturbed
CMPAT	Target population: Child MH consumer who is homeless (PATH program)
CMSD	Target population: Child who is Seriously Emotionally Disturbed with out of home placement
CSCJO	Target population: Child SA consumer who is a Criminal Justice Offender
CSIP	Target population: Child receiving indicated SA prevention services
CSMAJ	Target population: Child SA consumer in the MAJORS SA/JJ Program
CSSAD	Target population: Child with Substance Abuse Disorder
CSSP	Target population: Child receiving selected SA prevention services
CSWOM	Target population: Child SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzodiazepine(s)
Buprenorph.	Buprenorphine
Cauc.	Caucasian
Crim. Justice	Criminal Justice
CJ	Criminal Justice
CST	Community support team
Detox	detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
Inpt	Inpatient
JJ	Juvenile justice
Juv. Justice	Juvenile justice
Marij.	Marijuana
Med. Mgmt.	psychiatric medication management
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse
SSI/SSDI	Supplemental Security Income or Social Security Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury